Index of Claims

| App | lication | on/Co | ntrol | No. |
|-----|----------|-------|-------|-----|
|-----|----------|-------|-------|-----|

09/937,331

Examiner

Tony G. Soohoo

Applicant(s)/Patent under Reexamination

KUNZE ET AL.

Art Unit

1723

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| CI       | aim       | Date                                         |          |          |          |                | С                                                | Claim Date    |                               |          |          |          |                       |         |                                                    |                | CI       | aim      | Date            |          |             |            |          |         |              |              |                                        |                                                  |
|----------|-----------|----------------------------------------------|----------|----------|----------|----------------|--------------------------------------------------|---------------|-------------------------------|----------|----------|----------|-----------------------|---------|----------------------------------------------------|----------------|----------|----------|-----------------|----------|-------------|------------|----------|---------|--------------|--------------|----------------------------------------|--------------------------------------------------|
| Final    | Original  | 5/10/05                                      | 5/20/05  |          |          |                |                                                  |               |                               |          | Final    | Original |                       |         |                                                    |                |          |          |                 |          | Final       | Original   |          |         |              |              |                                        |                                                  |
|          | 1         | V                                            |          |          |          |                | <u> </u>                                         |               | $\Box$                        | 7        |          | 51       |                       | 1       |                                                    |                |          |          |                 | 7        | -           | 101        | $\neg$   | T       | $\top$       | 十            |                                        | Т                                                |
|          | 2         | ٧                                            |          |          |          |                |                                                  |               |                               |          |          | 52       |                       |         | Γ                                                  |                |          |          |                 | <b>1</b> |             | 102        |          | T       | $\top$       | $\top$       |                                        |                                                  |
|          | 3         | ٧                                            |          |          |          |                |                                                  |               |                               |          |          | 53       |                       |         |                                                    |                |          |          |                 |          |             | 103        |          |         |              |              |                                        |                                                  |
|          | 4         | ٥                                            |          |          |          |                | <u> </u>                                         | L             | Ш                             | _        | L        | 54       | $\sqcup \bot$         |         | 辶                                                  |                |          |          |                 | _        |             | 104        |          | ╽       |              | $\perp$      | L                                      |                                                  |
|          | 5         | ٥                                            |          |          |          | L.             | <u> </u>                                         |               |                               | _        |          | 55       | $\sqcup \!\!\! \perp$ | _       | <u> </u>                                           |                |          |          | _               | _        | <u></u>     | 105        |          | ┸       | $\perp$      | ⊥_           | L                                      | <u> </u>                                         |
|          | 6         | ٥                                            |          |          |          | ļ              | ļ.,                                              | _             |                               | _        | ļ        | 56       | $\sqcup$              | 4       | <u> </u>                                           |                |          |          | $\perp \perp$   | _        |             | 106        | _        | +-      | ┸            | $\perp$      | ↓_                                     | <del> </del>                                     |
|          | 7         | 0                                            |          |          |          |                |                                                  | _             | Н                             | _        |          | 57       | -                     | 4-      | _                                                  |                |          |          | $\dashv$        | 4        |             | 107        |          | ╀       | 4-           | $\bot$       | ـــ                                    | ــــ                                             |
| -        | 8         | ٥                                            | $\vdash$ |          | _        | _              | ├                                                | ļ.,           | Н                             | 4        | <u> </u> | 58       |                       | 1       | ⊬                                                  | Н              | $\vdash$ | _        |                 | _        | <u> </u>    | 108        | _        | +       | +            | ╀            | ⊢                                      | ⊢                                                |
|          | 9         | ٧                                            | _        |          | -        | ├              |                                                  | ⊢             | ┨                             | $\dashv$ | -        | 59       | ⊢⊢                    | +-      | -                                                  |                |          | $\dashv$ |                 | $\dashv$ |             | 109        |          | ╀       | +            | ┿            | ╀                                      | ┾                                                |
|          | 10<br>11  | ٧                                            | -        |          | -        | ⊢              | ├                                                |               | $\vdash$                      | $\dashv$ | -        | 60<br>61 | H                     | +       | Ͱ                                                  | $\vdash$       | H        | -        | $\vdash$        | -        |             | 110<br>111 | +        | ╁       | ┿            | ┿            | ╀                                      | ├                                                |
| -        | 12        | ۷<br>۷                                       |          |          |          | $\vdash$       | <del> </del>                                     |               | Н                             | $\dashv$ | -        | 62       | <del>   -</del>       | +       | ╀─                                                 |                | $\dashv$ |          | $\vdash$        | $\dashv$ |             | 112        |          | ╫       | ╁            | ╁            | ⊢                                      | ⊢                                                |
| <b></b>  | 13        | <u>                                     </u> | V        |          |          | $\vdash$       | ├-                                               | $\vdash$      | $\vdash$                      | $\dashv$ |          | 63       | $\vdash \vdash$       | +       | ┼─                                                 | $\vdash\vdash$ | $\vdash$ | -        | $\vdash \vdash$ | $\dashv$ | <u> </u>    | 113        | +        | +       | +            | +-           | $\vdash$                               | +                                                |
|          | 14        | $\vdash$                                     | V .      |          | <u> </u> | <del>  -</del> | ┢╾                                               | $\vdash$      | $\vdash \vdash$               | $\dashv$ | _        | 64       | $\vdash \vdash$       | +       | <del>                                     </del>   | Н              |          |          | $\dashv$        | $\dashv$ | <del></del> | 114        | ╁        | +       | +            | +            | +-                                     | <del> </del>                                     |
| <b>—</b> | 15        | Н                                            | <b>v</b> |          | H        | $\vdash$       | H                                                |               | $\vdash \vdash$               | $\dashv$ | -        | 65       | $\vdash\vdash$        | +       | $\vdash$                                           | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ |             | 115        | +        | +       | +            | +            | $\vdash$                               | $\vdash$                                         |
|          | 16        | -                                            | >        |          |          |                | $\vdash$                                         | ╁             |                               | _        |          | 66       |                       | +-      | -                                                  | Н              |          |          | -               | ┪        |             | 116        | $\pm$    | +       | +            | +-           | $\vdash$                               | $\vdash$                                         |
|          | 17        | -                                            | >        |          |          | $\vdash$       | ┢                                                | Н             | H                             | $\dashv$ |          | 67       |                       | +       |                                                    |                | $\dashv$ |          | -               | ┪        |             | 117        | +        | +       | 十            | +-           | $\vdash$                               | $\vdash$                                         |
|          | 18        | -                                            | _        |          |          |                | 1                                                | Т             | Н                             | _        |          | 68       |                       | $\top$  | T                                                  |                | $\dashv$ |          |                 | $\dashv$ |             | 118        | _        | +-      | ╅            | +            | $\vdash$                               | $\vdash$                                         |
|          | 19        |                                              |          |          |          |                | m                                                | Г             | П                             |          |          | 69       |                       | $\top$  | t                                                  | П              |          |          |                 | ┪        |             | 119        | _        | +       | $\top$       | +            | $\vdash$                               | ⇈                                                |
|          | 20        |                                              |          |          |          |                | Ħ                                                | Г             | П                             |          |          | 70       |                       |         |                                                    |                |          |          |                 | 7        |             | 120        |          | $\top$  | 十            | $\top$       | $\vdash$                               | ⇈                                                |
|          | 21        |                                              |          |          |          |                |                                                  |               | П                             |          |          | 71       |                       | $\top$  |                                                    |                |          |          |                 | 7        |             | 121        |          | $\top$  | ┰            | 1            | Т                                      | Т                                                |
|          | 22        |                                              |          |          |          |                |                                                  |               | П                             |          |          | 72       |                       | 1       | Г                                                  |                |          |          | $\neg$          | 7        |             | 122        |          | Τ       | T            | T            | Т                                      | Т                                                |
|          | 23        |                                              |          |          |          |                |                                                  |               |                               |          |          | 73       |                       |         |                                                    |                |          |          |                 |          |             | 123        |          | Т       | Т            | Т            | Г                                      |                                                  |
|          | 24        |                                              |          |          |          |                |                                                  |               |                               |          |          | 74       |                       |         |                                                    |                |          |          |                 |          |             | 124        |          |         | $oxed{T}$    | $oxed{\Box}$ |                                        |                                                  |
|          | 25        |                                              |          |          |          | L              |                                                  | L             |                               |          |          | 75       |                       |         |                                                    |                |          |          |                 |          |             | 125        |          |         |              | L            |                                        |                                                  |
|          | 26        |                                              |          |          | L        | _              | L                                                |               | L                             | _        |          | 76       |                       |         | <u> </u>                                           |                |          |          |                 | _        |             | 126        |          |         |              |              |                                        |                                                  |
|          | 27        | $oxed{oxed}$                                 |          |          |          | <u> </u>       | _                                                |               |                               | _        |          | 77       |                       |         |                                                    | Ш              | $\Box$   |          | $\perp$         | _        |             | 127        | _        | 1       | $\bot$       | $\bot$       | <u> </u>                               | <u> </u>                                         |
|          | 28        |                                              |          |          |          |                | ļ                                                |               |                               | _        | <u> </u> | 78       | $\sqcup$              |         | <u> </u>                                           |                | _        | _        |                 | 4        | L           | 128        |          | $\perp$ | $\bot$       | ↓_           | L                                      | <u> </u>                                         |
| <u> </u> | 29        | Ш                                            |          |          |          | L              | ļ                                                | <u> </u>      |                               | _        | <u> </u> | 79       | <u> </u>              | _       | _                                                  | Ш              |          | _        |                 | 4        |             | 129        | 4        | 1       | _            | ╀            | <u> </u>                               | 1_                                               |
| <u> </u> | 30        | Ш                                            |          |          |          | <u> </u>       | _                                                |               | $\sqcup$                      | _        | <u> </u> | 80       | $\vdash$              |         | _                                                  |                | _        | _        | -               | 4        | <u> </u>    | 130        | <b>_</b> | ╀       | +            | 4_           | ـــ                                    | _                                                |
| <u></u>  | 31        | Н                                            | Н        | $\vdash$ | $\vdash$ | $\vdash$       | _                                                |               | ${\displaystyle oxed{arphi}}$ | $\dashv$ | -        | 81       | $\vdash \vdash$       | +       | ļ                                                  |                | _        | $\dashv$ |                 | 4        |             | 131        | +        | +       | +            | +            |                                        | ـ                                                |
| <u> </u> | 32        | Н                                            | Н        |          |          |                | -                                                |               | Н                             | $\dashv$ | <u> </u> | 82       | $\vdash\vdash$        | +       | ⊢                                                  | -              |          |          |                 | -        |             | 132        | +        | +-      | ┼┈           | ┿            | ╀                                      | ⊢                                                |
| $\vdash$ | 33_<br>34 | Н                                            | Н        | $\vdash$ | $\vdash$ | $\vdash$       | $\vdash$                                         | $\vdash$      | $\vdash \vdash$               | $\dashv$ | -        | 83<br>84 | $\vdash \vdash$       | +       | ╁                                                  | Н              | $\dashv$ | -        | +               | -        | <u> </u>    | 133<br>134 | +        | ╀       | +-           | +            | +-                                     | $\vdash$                                         |
| <b>—</b> | 35        | Н                                            | $\vdash$ | $\vdash$ |          |                | $\vdash$                                         |               | $\vdash \vdash$               | $\dashv$ | -        | 85       | $\vdash \vdash$       | +       | <del>  -                                    </del> | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | <u> </u>    | 135        | +        | +       | +            | +            | +-                                     | $\vdash$                                         |
| <u> </u> | 36        | $\vdash$                                     | Н        |          |          |                | <del> </del>                                     | ├-            | $\vdash \vdash$               | $\dashv$ | $\vdash$ | 86       | $\vdash$              | -       | +-                                                 | $\vdash\vdash$ | $\dashv$ |          | +               | $\dashv$ | -           | 136        | +        | +-      | +            | +            | $\vdash$                               | $\vdash$                                         |
| <u> </u> | 37        | Н                                            | Н        |          | _        | -              | <del>                                     </del> | $\vdash$      | $\vdash \vdash$               | $\dashv$ |          | 87       | $\vdash \vdash$       | +       | $\vdash$                                           | Н              | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash$    | 137        | +        | +       | +            | +            | +                                      | $\vdash$                                         |
| <b>—</b> | 38        | H                                            | $\vdash$ | $\vdash$ |          |                |                                                  | $\vdash$      | $\vdash \vdash$               | $\dashv$ | -        | 88       | $\vdash\vdash$        | +       | $\vdash$                                           | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ |             | 138        | +        | +       | +            | +            | +                                      | <del>                                     </del> |
|          | 39        |                                              | $\vdash$ | Н        | -        |                | Г                                                |               | H                             | $\dashv$ |          | 89       | $\vdash$              | $\top$  | T                                                  | Н              | _        |          | 十               | 1        |             | 139        | +        | t       | +            | +            | $\vdash$                               | $\vdash$                                         |
|          | 40        | П                                            |          | $\neg$   |          | Г              | Г                                                | T             | Н                             | $\dashv$ |          | 90       | $\vdash$              | +       | T                                                  | Н              | 寸        |          | $\vdash$        | 1        |             | 140        | +        | T       | $\top$       | 十            | T                                      | $\vdash$                                         |
|          | 41        |                                              | $\Box$   |          | $\vdash$ | Г              |                                                  | $\overline{}$ | $\Box$                        | $\neg$   | -        | 91       |                       | $\top$  |                                                    | Н              | $\dashv$ |          | o               | 7        |             | 141        | +        | T       | +            | †            | T                                      | Т                                                |
|          | 42        |                                              |          |          |          |                |                                                  | Г             | $\Box$                        |          |          | 92       |                       | Τ       |                                                    | П              | 寸        |          |                 | ٦        |             | 142        | $\top$   | T       | $\top$       | T            | П                                      | Г                                                |
|          | 43        |                                              |          |          |          |                |                                                  |               |                               |          |          | 93       |                       | Ι       |                                                    |                |          |          |                 |          |             | 143        | J.       |         | T            |              |                                        |                                                  |
|          | 44        |                                              |          |          |          |                |                                                  |               |                               |          |          | 94       |                       | I       |                                                    |                |          |          |                 |          |             | 144        | Ι        |         | $\mathbf{I}$ | I            |                                        |                                                  |
|          | 45_       |                                              |          |          |          |                |                                                  |               |                               |          |          | 95       |                       | $\perp$ |                                                    |                |          |          |                 |          |             | 145        | $\perp$  | L       |              |              | 匚                                      | 匚                                                |
|          | 46        |                                              |          |          |          |                |                                                  |               | Ш                             |          |          | 96       |                       |         | $oxedsymbol{oxed}$                                 |                |          |          |                 |          |             | 146        |          |         |              | L            | 匚                                      |                                                  |
| <u> </u> | 47        | Ш                                            |          |          |          |                | L                                                | _             | Ш                             | _        | <u></u>  | 97       | $oxed{oxed}$          | _       | <u> </u>                                           |                | $\bot$   | ]        |                 | _        |             | 147        | $\perp$  | L       |              | $\perp$      | Щ.                                     | <u> </u>                                         |
| <u></u>  | 48        | Ш                                            |          | _        |          | <u> </u>       | Щ                                                | _             | Ш                             | 4        |          | 98       | $\sqcup \!\!\! \perp$ | 4       | <u> </u>                                           |                |          |          |                 | _        |             | 148        | $\perp$  | L       | $\perp$      | 1            | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | <u> </u>                                         |
| <u></u>  | 49        | $\sqcup$                                     |          | -        |          | <u> </u>       | $\vdash$                                         | $\vdash$      | $\sqcup$                      | 4        | <u> </u> | 99       | $\sqcup \!\!\! \perp$ | 4-      | <u> </u>                                           |                | _        | _        | 4               | 4        | L           | 149        | 1        | +       | $\bot$       | ╀            | <b>├</b>                               | ₩                                                |
| Ц        | 50        | Ш                                            |          |          |          | L              |                                                  |               | Ш                             |          |          | 100      |                       |         | Ц.                                                 |                |          |          | Ш.              |          | L           | 150        |          | 丄       |              |              | <u> </u>                               | <u> </u>                                         |